

Appl. No. : 10/692,090  
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### AMENDMENTS TO THE CLAIMS

1. **(Original)** A syringe barrel, comprising a flange having a front surface and a rear surface, wherein at least one of the front surface and the rear surface of the flange is roughened.

2. **(Original)** A syringe barrel according to claim 1 for use in an injection apparatus, said syringe barrel adapted to be mounted on a cylinder holder that comprises a flange insertion groove, wherein said flange is adapted to be held by said flange insertion groove so as to fix the syringe barrel.

3. **(Original)** The syringe barrel according to Claim 1, wherein the front surface of the flange is roughened.

4. **(Original)** A syringe barrel according to claim 3 for use in an injection apparatus, said syringe barrel adapted to be mounted on a cylinder holder that comprises a flange insertion groove, wherein said flange is adapted to be held by said flange insertion groove so as to fix the syringe barrel.

Claims 5-8 (Cancelled)

9. **(Currently Amended)** A pre-filled syringe, comprising:  
a syringe comprising a syringe barrel of any one of Claims 1 to 4 ~~or a syringe piston of Claim 6~~; and  
a chemical solution filled in the syringe.

10. **(NEW)** The syringe barrel of Claim 1, wherein at least one of the front surface and the rear surface is randomly roughened.

11. **(NEW)** The syringe barrel of Claim 1, wherein the cross section of the roughened surface has a roughness of about No. 20 to 1500 as expressed in terms of count of sand paper.

12. **(NEW)** The syringe barrel of Claim 1, wherein the roughness is regularly patterned roughness.

13. **(NEW)** The syringe barrel of Claim 12, wherein the roughness has a convex-concave pitch.